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**From:** Dermer, Michele [Dermer.Michele@epa.gov]  
**Sent:** 8/25/2020 10:59:14 PM  
**To:** Reader, Emily@DOC [emily.reader@conservation.ca.gov]  
**CC:** Garg, Amit@DOC [Amit.Garg@conservation.ca.gov]; Albright, David [Albright.David@epa.gov]; Ho, Yenhung [Ho.Yenhung@epa.gov]; Engelman, Alexa [ENGELMAN.ALEXA@EPA.GOV]; Pierce, Jennifer [pierce.jennifer@epa.gov]; Garnett, Desean [Garnett.Desean@epa.gov]; Shari.Ring@cadmusgroup.com  
**Subject:** FW: Notes August 20, 2020: On-site Monthly Meeting - EPA/CalGEM/Water Boards - WellSTAR item

Hi Emily,

I wanted to get back to you with a response regarding our preference, with respect to the options CalGEM offered, for EPA access to WellSTAR. We've discussed it and the public version would be fine. Please let us know if you need anything else, and when and how we will have the access you've offered.

Thanks, Michele

*Michele Dermer*

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US EPA Region 9  
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**From:** Tadlock, Rachael@DOC <Rachael.Tadlock@conservation.ca.gov>  
**Sent:** Monday, August 24, 2020 5:15 PM  
**To:** Bishop, Jonathan@Waterboards <Jonathan.Bishop@waterboards.ca.gov>; Harvey, Dale@Waterboards <Dale.Harvey@waterboards.ca.gov>; Turner, Justin@DOC <justin.turner@conservation.ca.gov>; Bartling, Bill@DOC <Bill.Bartling@conservation.ca.gov>; Rodgers, Clay@Waterboards <Clay.Rodgers@waterboards.ca.gov>; Gillman, Eric@Waterboards <Eric.Gillman@Waterboards.ca.gov>; Borkovich, John@Waterboards <John.Borkovich@waterboards.ca.gov>; Zinky, Janice@Waterboards <janice.zinky@waterboards.ca.gov>; Salera, Jerry@DOC <Jerry.Salera@conservation.ca.gov>; Abel, Pat@DOC <Pat.Abel@conservation.ca.gov>; Van Engelen, Brady@DOC <Brady.VanEngelen@conservation.ca.gov>; Quast, Sylvia <Quast.Sylvia@epa.gov>; Albright, David <Albright.David@epa.gov>; Dermer, Michele <Dermer.Michele@epa.gov>; Engelman, Alexa <ENGELMAN.ALEXA@EPA.GOV>; Greenberg, Leslie <Greenberg.Leslie@epa.gov>; Farahnak, Shahla@Waterboards <Shahla.Farahnak@waterboards.ca.gov>; Ho, Yenhung <Ho.Yenhung@epa.gov>; Keeling, Matt@Waterboards <Matt.Keeling@waterboards.ca.gov>; Findley, Timothy@DOC <Timothy.Findley@conservation.ca.gov>; Reader, Emily@DOC <emily.reader@conservation.ca.gov>; Van Zandt, Afton@DOC <Afton.VanZandt@conservation.ca.gov>; Lodge, Ryan@Waterboards <Ryan.Lodge@waterboards.ca.gov>; Pierce, Jennifer <pierce.jennifer@epa.gov>; Munson, William@DOC <william.munson@conservation.ca.gov>; Iverson, Jon@DOC <jon.iverson@conservation.ca.gov>; Wysocki, Kenneth C. <Wysocki.kenneth@epa.gov>; Ntuk, Uduak-Joe@DOC <Uduak-Joe.Ntuk@conservation.ca.gov>  
**Cc:** Nath, Dharendra@DOC <Dharendra.Nath@conservation.ca.gov>; Long, William@DOC <William.Long@conservation.ca.gov>; Davis, Mark@Waterboards <Mark.Davis@Waterboards.ca.gov>; Rastegarzadeh, Laleh@Waterboards <Laleh.Rastegarzadeh@waterboards.ca.gov>; Barry, Thomas@DOC <thomas.barry@conservation.ca.gov>; Garg, Amit@DOC <Amit.Garg@conservation.ca.gov>; Garnett, Desean <Garnett.Desean@epa.gov>; Bauer, Tina@Waterboards <Tina.Bauer@Waterboards.ca.gov>; Bauer, Tina@Waterboards <Tina.Bauer@Waterboards.ca.gov>; Jones, Chris@DOC <Chris.Jones@conservation.ca.gov>; Adeleye, Adaku@DOC <Adaku.Adeleye@conservation.ca.gov>; Agusiegbe, Vincent@DOC <vincent.agusiegbe@conservation.ca.gov>;

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**Subject:** Notes August 20, 2020: On-site Monthly Meeting - EPA/CalGEM/Water Boards

## 8/20/2020 US EPA, State Water Board, CalGEM

Thursday, August 20, 2020

1:02 PM

### Notes:

#### 1. News/General Updates

- EPA
  - Issued a draft Class I permit - cogen facility waste disposal Chalk Cliff - in public comment until 9/16/2020.
  - Expectation is that CalGEM will eliminate Class II permit once this is issued.
  - Contacted by Desert Sun Janet Wilson
    - Interested in surface expressions.
    - Advised her to reach out to CalGEM and Water Board.
    - Need better coordination between agencies on media inquiries.
- State Water Board - Janice
  - No Updates
  - Briefing Board with regard to Cat Canyon process, still in internal discussions.
- CalGEM - Uduak
  - Add to next agenda to add bullets for updates.
  - Second budget revision in August with July tax data .
  - Federal orphan well remediation program HR2 - funds would be used to plug and abandon abandon/orphan wells, create jobs, and reduce methane emissions.
  - Funding for states to start class VI primacy applications

#### 5. AE Project Discussions

- a. SDWA Compliance packages w/ Preliminary WB concurrence:
  - Lynch Cyn
    - Coastal, Jon Iverson. Issues with data on pressure points, talking with operator. Ready to return to EPA.
  - Sespe
    - Coastal, Jon Iverson - No updates.
  - Jacalitos/Coalinga
    - Inland, DK - working on response to EPA, to submit in September
  - Cat Cyn

- Internal discussions with Board members and management regarding letters from EDC and others about wells acting as potential conduits
- Board has not responded
- Request to get these letters to Uduak, Emily, Bill and Pat
- Oxnard
  - Coastal, Jon Iverson
    - received vertices points
    - how to do the public comment.
    - Separate virtual meetings and post in papers.
- Holser
  - See Oxnard and Cat Canyon

b. SDWA Compliance packages awaiting Preliminary WB concurrence:

- Lompoc
  - Working to finalize response to WB and some internal discussions.
- Midway Sunset
  - No further update, operator needs to submit official maps. Preliminary concurrence estimated Jan 2021.
- Kern River
  - Received revised application from operator.
    - Reviewing before sending to Water Board
- Mt. Poso – Dorsey Area
  - Technical review from State and Regional Board.
  - Reviewing and preparing comments and reply.

2. Transitions

- Lynch Cyn, Santa Margarita - Jon I. - EPA received copy of letter sent to operator.
- S. Belridge, SE area - Chris Jones - received comments from CalGEM, waiting for proposal from operator.
- Elk Hills, SE area - Chris Jones - received application (first of five) (cease injection out of upper Tulare to other reservoirs in Elk Hills) from CRC and doing the preliminary review. Does work plan include schedule? Will have to look. Can EPA get a copy? When it is final as a courtesy copy for their records.
- Other AE packages

3. GWPC peer review study

1. What EPA is looking for? GWPC had issued a final report (class 2 UIC program and implementation), they have received a final copy, but would like to hear CalGEM's thoughts on the report. Set up call to discuss finding and how to address findings, EPA, Water Board, and CalGEM. Done during the time of our UIC regulatory changes and the SB 83 Panel Review. Uduak sent link with a copy of the report.

Amit Garg is the point of contact.

4. EPA update on national AE database, California input/meeting
  - National database is up and updated
    - a. Includes all AE's prior to January 2020
    - b. They are looking at materials submitted earlier this year
    - c. Will need at least one meeting to coordinate - who in CalGEM would be the point of contact?
  - i. Amit Garg will coordinate
  
5. Update on Class VI/Carbon Sequestration
  - Call on the 10th about the CES
  - Will have follow on calls on the topic prior to putting up a permit for comment
  - Sent comments to CES and cc'd State agencies
    - Focused on geologic site characterization
  - Conference this week in Pittsburgh on CCS
    - San Joaquin Renewables called to say they want to pursue a Class VI project - September
    - Will be meeting with CRC about Cal Capture project (DOE funded Elk Hills)
  - \$7 million from DOE
    - EOR + storage in Stevens Sand
    - Schedule briefing meeting for next week or so for Uduak, Emily and Bill
    - Both Class II and Class VI, and Class II converting to Class VI
    - Report sent to Vincent asking for feedback - need something by mid-September
  - Working internally in state for a statewide integrated review panel
  - Calvin sent links to State for primacy application guidance
  
6. WellSTAR database update
  - Justin Turner is out, we do not have an update
  - Michelle Dermer - EPA receive MOA entity access. See all well information, applications in flight. Public access to EPA as well? Provide all of WellSTAR with only approved documents and applications. Understanding of what level of interest from EPA. EPA does not have to respond today, but explore the two above options. EPA will get back to Emily.
7. How are states meeting the challenges of remote witnessing of UIC?
  - There is an acknowledgement about the times and restrictions
  - Documents have been published by EPA on how to manage this, aimed at operators - may apply to regulators
  - There may or not be guidance on this from EPA
    - David will check and send to State
  
8. Action Items/Follow Up
  1. CalGEM connect with OLRA office regarding GWPC Report and that we have resolved the findings of the report with the new regulations and WellSTAR, give management an update on the GWPC Report. Discuss at next meeting in September. (Emily)
  2. Chris Jones to send EPA copy of CRC's schedule for Elk Hills upper Tulare transition plan.
  3. Copy of GWPC Class VI Primacy checklist to share with meeting group and discuss at next coordination meeting in September. (Vincent) EPA has guidance for Class VI primacy. Calvin from EPA send guidance and Vincent will forward the checklist from the GWPC website.

4. EPA request for WellSTAR access, what level of access they will need, Michelle or David will follow-up with Emily know of their decision. (Justin and Alexa)
5. Janice Zinky will be sending CalGEM and EPA a batch of public letters for the Cat Canyon AE proposal.
6. CalGEM get a draft of the agenda by the Friday or Monday (same week) as the Coordination meeting.
7. Janice Zinky will provide Amit Garg the proposed dates for concurrence letters.

Attendees:

CalGEM

Pat Abel

Adaku Adeleye

Bill Bartling

Tim Findley

Amit Garg

Jon Iverson

Chris Jones

William Long

Dhirendra Nath

Uduak Joe Ntuk

Emily Reader

Jerry Salera

Vincent Agusiegbe

USEPA

David Albright

Michelle Dermer

Yenhung Ho

Jennifer Pierce

Water Board:

Mark Davis

Dale Harvey

Aaron Katona

Alex Olsen

Clay Rodgers

Tina Bauer

Janice Zinky

John Borkovich